(handwritten in left margin) Please Enter VPS 10/14/06 (Claims Presented in an After Final Response of 1/26/06

IN THE CLAIMS

Please amend the claims to be in the form as follows:

Claim 1 (previously presented): A method of recording an encoded bit stream, said encoded bit stream representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on a disc like record carrier, such as an optical disc, said method comprising:

recording video objects comprising a sequence of contiguously recorded cells, each cell comprising a unique cell identification number within a video object;

recording a playback sequence of cells defining a playable program chain of cells, wherein said sequence comprises references to the cell identification numbers,

recording navigation data within said cells comprising an end time of presentation of the corresponding video object,

characterized by,

recording at the end of a video object a buffer cell that is not being referenced by a playback sequence.

Claim 2 (previously presented): A method according to claim 1, characterized by,

assigning an unique cell identification number to said buffer cell.

Claim 3 (previously presented): A method according to claim 1, characterized by,

assigning a cell identification number to said buffer cell that differs from the identification number from the preceding cell.

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IN THE CLAIMS

Please amend the claims to be in the form as follows:

Claim 1 (previously presented): A method of recording an encoded bit stream, said encoded bit stream representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on a disc like record carrier, such as an optical disc, said method comprising:

recording video objects comprising a sequence of contiguously recorded cells, each cell comprising a unique cell identification number within a video object;

recording a playback sequence of cells defining a playable program chain of cells, wherein said sequence comprises references to the cell identification numbers,

recording navigation data within said cells comprising an end time of presentation of the corresponding video object,

characterized by,

recording at the end of a video object a buffer cell that is not being referenced by a playback sequence.

Claim 2 (previously presented): A method according to claim 1, characterized by,

assigning an unique cell identification number to said buffer cell.

Claim 3 (previously presented): A method according to claim 1, characterized by,

assigning a cell identification number to said buffer cell that differs from the identification number from the preceding cell.

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Claim 4 (previously presented): A method according to claim 2, wherein said buffer cell may not be filled completely.

Claim 5 (original): A method according to claim 4, wherein a cell, video object, a playback sequence, and end time of presentation corresponds respectively to a Cell, a Video Object (VOB), a Program Chain (PGC) and a Video Object Video End Presentation Time (VOB-VPTM) of the DVD Read Only Video Specification.

Claim 6 (original): A method according to claim 5, wherein a dummy cell comprises only a Video Object Unit (VOBU) according to the DVD Read Only Video Specification.

Claim 7 (previously presented): A method according to claim 5, wherein a buffer cell comprises only a Navigation Pack (NV-PCK) according to the DVD Read Only Video Specification.

Claim 8 (previously presented): A recording apparatus for recording an encoded bit stream, representing a plurality of video objects comprising a sequence of cells together constituting a part of an
MPEG2 Program Stream, on a disc like record carrier, such as an optical disc, the recording apparatus comprises recording means adapted to record

a sequence of contiguously recorded cells, each cell comprising a unique cell identification number within a video object,

a playback sequence of cells defining a playable program chain of cells, wherein said sequence comprises references to the cell identification numbers,

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navigation data within said cells comprising an end time of presentation of the corresponding video object,

characterized in that, the recording apparatus comprises

system control means adapted to control the recordings means to record at the end of a video object a buffer cell that is not being referenced by a playback sequence.

Claim 9 (previously presented): A recording apparatus according to claim 8, characterized in that, the system control means are adapted to assign an unique cell identification number to said buffer cell for recording.

Claim 10 (previously presented): A recording apparatus according to claim 8, characterized in that, the system control means are adapted to assign a cell identification number to said buffer cell for recording that differs from the identification number from the preceding cell.

Claim 11 (previously presented): A recording apparatus according to claim 10, characterized in that, the system control means are adapted to control the recording means to record a buffer cell that may not be filled completely.

Claim 12 (original): A recording apparatus according to claim 11 wherein a cell, video object, a playback sequence, and end time of presentation corresponds respectively to a Cell, a Video Object (VOB), a Program Chain (PGC) and a Video Object Video End Presentation Time (VOB-V-PTM) of the DVD Read Only Video Specification.

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Claim 13 (previously presented): A recording apparatus according to claim 12, wherein a buffer cell comprises only a Video Object Unit (VOBU) according to the DVD Read Only Video Specification.

Claim 14 (previously presented): A recording apparatus according to claim 13, wherein a buffer cell comprises only a Navigation Pack (NV-PCK) according to the DVD Read Only Video Specification.

Claim 15 (new):   The method of claim 1 wherein the buffer cell contains dummy data.

Claim 16 (New): The apparatus of claim 8 wherein the buffer cell contains dummy data.

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